



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
Docket No. P-4423

8/4/00
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APPLICANT(S): D. J. Wright, et al.

SERIAL NO. 09/335,218

ART UNIT: 1655

FILING DATE: June 17, 1999

EXAMINER: B. Forman

TITLE: Methods and Oligonucleotides for Detecting Nucleic Acid Sequence Variations

Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

On: 7-14-00

By: Donna M. Baumann

Donna M. Baumann 7-14-00
(signature) (date)

AMENDMENT UNDER 37 CFR §1.111

This is in response to the Office Action dated April 21, 2000, issued for the subject patent application. Claims 1-24 are rejected and a response is due by July 21, 2000. Applicants traverse the rejection and request reconsideration thereof in view of the following amendments and remarks.

IN THE CLAIMS

New Claims: Please add the following new claims:

- Sub B17
112
55. (New) A method for detecting a single nucleotide polymorphism in a target sequence comprising:
- a) hybridizing to the target sequence a detector primer comprising a diagnostic nucleotide for the single nucleotide polymorphism;
 - b) in a primer extension reaction, displacing the detector primer by extension of a second primer hybridized to the target sequence upstream of the detector primer, and;
 - c) detecting the presence or absence of the single nucleotide polymorphism based on an efficiency of detector primer extension.

56. (New) The method of Claim 55 wherein the single nucleotide polymorphism is identified using the detector primer.

07/20/2000 CVORACHA 00000048 021666 09335218

01 FC:103 144.00 CH
02 FC:102 78.00 CH

GPT/1655

AMENDMENT TRANSMITTAL LETTER (Large Entity)

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June 17, 1999

Examiner

B. Forman

Group Art Unit

1655

Invention: METHODS AND OLIGONUCLEOTIDES FOR DETECTING NUCLEIC ACID SEQUENCE VARIATIONS



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

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CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	62 -	54 =	8 x	\$18.00	\$144.00
INDEP. CLAIMS	5 -	4 =	1 x	\$78.00	\$78.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$222.00

- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. 02-1666 in the amount of
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Donna R. Fugit
Signature

Dated: July 14, 2000

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I certify that this document and fee is being deposited on 7-14-2000 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Donna M. Baumann

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